

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=12; day=3; hr=15; min=47; sec=18; ms=111; ]

=====

Application No: 10576978 Version No: 1.0

**Input Set:**

**Output Set:**

**Started:** 2008-11-12 14:34:02.486  
**Finished:** 2008-11-12 14:34:03.767  
**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 281 ms  
**Total Warnings:** 15  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 16  
**Actual SeqID Count:** 16

| Error code | Error Description                                |
|------------|--|
| W 402      | Undefined organism found in <213> in SEQ ID (1)  |
| W 402      | Undefined organism found in <213> in SEQ ID (2)  |
| W 402      | Undefined organism found in <213> in SEQ ID (3)  |
| W 402      | Undefined organism found in <213> in SEQ ID (4)  |
| W 402      | Undefined organism found in <213> in SEQ ID (5)  |
| W 402      | Undefined organism found in <213> in SEQ ID (6)  |
| W 402      | Undefined organism found in <213> in SEQ ID (7)  |
| W 402      | Undefined organism found in <213> in SEQ ID (8)  |
| W 402      | Undefined organism found in <213> in SEQ ID (9)  |
| W 402      | Undefined organism found in <213> in SEQ ID (10) |
| W 402      | Undefined organism found in <213> in SEQ ID (11) |
| W 402      | Undefined organism found in <213> in SEQ ID (12) |
| W 402      | Undefined organism found in <213> in SEQ ID (14) |
| W 402      | Undefined organism found in <213> in SEQ ID (15) |
| W 402      | Undefined organism found in <213> in SEQ ID (16) |

SEQUENCE LISTING

<110> JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH

<120> Transfomed cell, method for producing same and method for producing high yield protein using said transformant

<130> 2003YS1024

<140> 10576978

<141> 2008-11-12

<160> 16

<170> PatentIn version 3.1

<210> 1

<211> 45

<212> DNA

<213> Human

<400> 1

ccccaaagctt gtcgacgcca ccatgttttc catgaggatc gtctg 45

<210> 2

<211> 60

<212> DNA

<213> Human

<400> 2

ccatcgatgg atccgtcgac ttactagggg gacagggaaag gcttcccaa aggagaagtg 60

<210> 3

<211> 60

<212> DNA

<213> Human

<400> 3

ccccaaagctt gtcgacgcca ccatgaaaca tctattatttgc ctactattgt gtgttttct 60

<210> 4

<211> 60

<212> DNA

<213> Human

<400> 4

cggaattctg atcagtcgac ttactattgc tgtggaaaga agggcctgat cttcataactc 60

<210> 5

<211> 56

<212> DNA

<213> Human

|  |      |
|--|------|
| <400> 5  |      |
| ccccaaagctt gtcgacgcca ccatgagttg gtccttgcac ccccgaaatt taattc       | 56   |
|  |      |
| <210> 6  |      |
| <211> 51   |      |
| <212> DNA  |      |
| <213> Human  |      |
|  |      |
| <400> 6  |      |
| cggaatttcgg atccgtcgac ttattaaacg tctccagcct gtttggctcc c            | 51   |
|  |      |
| <210> 7  |      |
| <211> 1980   |      |
| <212> DNA  |      |
| <213> Human  |      |
|  |      |
| <400> 7  |      |
| ccccaaagctt gtcgacgcca ccatgttttc catgaggatc gtctgcctgg tcctaagtgt   | 60   |
| ggtgggcaca gcatggactg cagatagtgg tgaaggtgac tttctagctg aaggaggagg    | 120  |
| cgtgcgtggc ccaagggttg tggaaagaca tcaatctgcc tgcaaagatt cagactggcc    | 180  |
| cttctgctct gatgaagact ggaactacaa atgcccttct ggctgcagga tgaaagggtt    | 240  |
| gattgatgaa gtcaatcaag attttacaaa cagaataaat aagctcaaaa attcactatt    | 300  |
| tgaatatcag aagaacaata aggattctca ttcggtgacc actaatataa tggaaatttt    | 360  |
| gagaggcgat ttttcctcag ccaataaccg tgataatacc tacaaccgag tgtcagagga    | 420  |
| tctgagaagc agaatgaaag tcctgaagcg caaagtata gaaaaagtac agcatatcca     | 480  |
| gcttctgcag aaaaatgtta gagctcagtt ggttgcataaa acgcactgg aggtggacat    | 540  |
| tgatattaaat atccgatctt gtcgagggtc atgcagtagg gcttagctc gtgaagtata    | 600  |
| tctgaaggac tatgaagatc agcagaagca acttgaacag gtcattgcc aagacttact     | 660  |
| tccctctaga gataggcaac acttaccact gataaaaatg aaaccagttc cagacttgg     | 720  |
| tcccgaaat tttaagagcc agcttcagaa ggtacccca gagtggagg cattaacaga       | 780  |
| catgccgcag atgagaatgg agttagagag acctgggtga aatgagatta ctgcaggagg    | 840  |
| ctccacacct tatggaaaccg gatcagagac ggaaagcccc aggaacccta gcagtgcgtgg  | 900  |
| aagctggaaac tctggagact ctggacctgg aagtactggaa aaccgaaacc ctggggagctc | 960  |
| tgggactggaa gggactgcaa cctggaaacc tgggagctct ggacctggaa gtactggaaag  | 1020 |
| ctggaaactctt gggagctctg gaactggaaag tactggaaac caaaaccctg ggagccctag | 1080 |
| acctggtagt accggaaacct ggaatcctgg cagctctgaa cgccggaaatg ctggggactg  | 1140 |

|  |      |
|--|------|
| gacctctgag agctctgtat ctggtagtac tggacaatgg cactctgaat ctggaaagttt | 1200 |
| taggccagat agcccaggct ctgggaacgc gaggcctaac aacccagact ggggcacatt  | 1260 |
| tgaagaggtg tcagggaaatg taagtccagg gacaaggaga gagtaccaca cagaaaaact | 1320 |
| ggtcacttct aaaggagata aagagcttag gactggtaaa gagaaggtaa cctctggtag  | 1380 |
| cacaaccacc acgcgtcggt catgctctaa aaccgttact aagactgtta ttggtcgt    | 1440 |
| tggtcacaaa gaagttacca aagaagtggt gacctccgaa gatggttctg actgtcccga  | 1500 |
| ggcaatggat ttaggcacat tgtctggcat aggtactctg gatgggttcc gccataggca  | 1560 |
| ccctgatgaa gctgccttct tcgacactgc ctcaactgga aaaacattcc caggtttctt  | 1620 |
| ctcacctatg ttaggagagt ttgtcagtga gactgagtct aggggcttag aatctggcat  | 1680 |
| cttcacaaat acaaaggaat ccagttctca tcaccctggg atagctgaat tcccttccc   | 1740 |
| tggtaaatct tcaagttaca gcaaacaatt tactagtagc acgagttaca acagaggaga  | 1800 |
| ctccacattt gaaagcaaga gctataaaat ggcagatgag gccggaagtg aagccgatca  | 1860 |
| tgaaggaaca catagcacca agagaggcca tgctaaatct cgcctgtca gaggtatcca   | 1920 |
| cacttctcct ttgggaaagc ctccctgtc cccctagtaa gtcgacggat ccatcgatgg   | 1980 |

<210> 8  
 <211> 1479  
 <212> DNA  
 <213> Human

|   |     |
|---|-----|
| <400> 8   |     |
| ccccaaagctt gtcgacgcca ccatgaaaca tctattatttgc tcaattttgt gtgtttttct    | 60  |
| agttaagtcc caaggtgtca acgacaatga ggagggtttc ttcaatgtccc gtggtcatcg      | 120 |
| acccttgcac aagaagagag aagaggctcc cagcctgagg cctgccccac cgcccatcg        | 180 |
| tggaggtggc tatcgggctc gtccagccaa agcagctgcc actcaaaaga aagttagaaag      | 240 |
| aaaagccccct gatgtggag gctgttttca cgctgaccca gacctggggg ttttgttcc        | 300 |
| tacaggatgt cagttgcaag aggctttgtc acaacaggaa aggccaatca gaaatagtgt       | 360 |
| tgtatgagtttta aataacaatg tggaaagctgt ttcccttgcacc tcctttttttt ctttcagta | 420 |
| catgtatggc ctgaaagacc tggggcaaaa gaggcagaag caagttaaatg ataatgaaaa      | 480 |
| tgtatgtcaat gagtactcct cagaactgga aaagcaccaaa ttatataatgt atgagactgt    | 540 |
| gaatagcaat atcccaacta accttcgtgt gcttcgttca atccctggaaa acctgagaag      | 600 |
| caaaatacaa aagttagaaat ctgatgtctc agctcaaatg gaatattgtc gcaccccatg      | 660 |

|            |             |             |            |            |             |      |
|------------|-------------|-------------|------------|------------|-------------|------|
| cactgtcagt | tgcaatattc  | ctgtgggtgc  | tggcaaagaa | tgtgaggaaa | ttatcaggaa  | 720  |
| aggaggtgaa | acatctgaaa  | tgtatctcat  | tcaacctgac | agttctgtca | aaccgtatag  | 780  |
| agtatactgt | gacatgaata  | cagaaaatgg  | aggatggaca | gtgattcaga | accgtcaaga  | 840  |
| cggtagtgtt | gacttggca   | ggaaatggga  | tccatataaa | cagggatttg | gaaatgttgc  | 900  |
| aaccaacaca | gatgggaaga  | attactgtgg  | cctaccaggt | aatattggc  | ttggaaatga  | 960  |
| taaaattagc | cagcttacca  | ggatgggacc  | cacagaactt | ttgatagaaa | tggaggactg  | 1020 |
| gaaaggagac | aaagtaaagg  | ctcaactatgg | aggattcact | gtacagaatg | aagccaacaa  | 1080 |
| ataccagatc | tcaagtgaaca | aatacagagg  | aacagccggt | aatgcctca  | tggatggagc  | 1140 |
| atctcagctg | atgggagaaa  | acaggaccat  | gaccattcac | aacggcatgt | tcttcagcac  | 1200 |
| gtatgacaga | gacaatgacg  | gctggtaac   | atcagatccc | agaaaacagt | gttctaaaga  | 1260 |
| agacggtgtt | ggatggtgtt  | ataatagatg  | tcatgcagcc | aatccaaacg | gcagatacta  | 1320 |
| ctggggtgg  | cagtacacct  | gggacatggc  | aaagcatggc | acagatgtg  | gtgttagtatg | 1380 |
| gatgaattgg | aagggtcat   | ggtactcaat  | gaggaagatg | agtatgaaga | tcagggcctt  | 1440 |
| cttcccacag | caatagtaag  | tcgactgatc  | agaattccg  |            |             | 1479 |

<210> 9  
 <211> 1359  
 <212> DNA  
 <213> Human

|             |              |             |             |             |             |     |
|-------------|--------------|-------------|-------------|-------------|-------------|-----|
| <400> 9     |              |             |             |             |             |     |
| ccccaaagctt | gtcgacgcca   | ccatgagttg  | gtccttgcac  | ccccggattt  | taattctcta  | 60  |
| cttctatgct  | cttttatttc   | tctcttcaac  | atgtgttagca | tatgttgcta  | ccagagacaa  | 120 |
| ctgctgcattc | ttagatgaaa   | gattcggtag  | ttattgtcca  | actacctgtg  | gcattgcaga  | 180 |
| tttccctgtct | acttatcaaa   | ccaaagtaga  | caaggatcta  | cagtcttgg   | aagacatctt  | 240 |
| acatcaagtt  | aaaaacaaaa   | catcagaagt  | caaacagctg  | ataaaagcaa  | tccaaactcac | 300 |
| ttataatcct  | gatgaatcat   | aaaaacaaa   | tatgatagac  | gctgctactt  | tgaagtccag  | 360 |
| aaaaatgtta  | gaagaaatta   | tgaaatatga  | agcatcgatt  | ttaacacatg  | actcaagttat | 420 |
| tcgatatttgc | cagggaaatata | ataattcaaa  | taatcaaaag  | attgttaacc  | tgaaagagaaa | 480 |
| ggtagcccgat | cttgaaggcac  | agtggccagga | accttgcaaa  | gacacgggtgc | aaatccatga  | 540 |
| tatcactggg  | aaagattgtc   | aagacattgc  | caataaggga  | gctaaacaga  | gcgggcttta  | 600 |
| cttttattaaa | cctctgaaag   | ctaaccagca  | attcttagtc  | tactgtgaaa  | tcgatgggtc  | 660 |

tggaaatgga tggactgtgt ttcagaagag acttgatggc agttagatt tcaagaaaa 720  
ctggattcaa tataaagaag gattggaca tctgtctcct actggcacaa cagaatttg 780  
gctggaaat gagaagattc atttgataag cacacagtct gccatcccat atgcattaaag 840  
agtggaaactg gaagactgga atggcagaac cagtactgca gactatgcca tggcaaggt 900  
gggacctgaa gctgacaagt accgcctaac atatgcctac ttcgctggtg gggatgctgg 960  
agatgcctt gatggcttg attttggcga tgatcctagt gacaagttt tcacatccca 1020  
taatggcatg cagttcagta cctgggacaa tgacaatgt aagttgaag gcaactgtgc 1080  
tgaacaggat ggatctgggtt ggtggatgaa caagtgtcac gctggccatc tcaatggagt 1140  
ttattaccaa ggtggcactt actcaaaagc atctactcct aatggttatg ataatggcat 1200  
tatttgggcc acttggaaaa cccggtggtt ttccatgaag aaaaccacta tgaagataat 1260  
cccatcaac agactcacaa ttggagaagg acagcaacac cacctggggg gagccaaaca 1320  
ggctggagac gtttataag tcgacggatc cgaattccg 1359

<210> 10  
<211> 60  
<212> DNA  
<213> Baculovirus

<400> 10  
ccgctcgagg aattcgccac catgtgtgtt attttccgg tagaaatcga cgtgtcccg 60

<210> 11  
<211> 54  
<212> DNA  
<213> Baculovirus

<400> 11  
ccgctcgagg aattctactc gtaaagccag ttcaattttt aaaaacaaatg acat 54

<210> 12  
<211> 1035  
<212> DNA  
<213> Baculovirus

<400> 12  
ccgctcgagg aattcgccac catgtgtgtt attttccgg tagaaatcga cgtgtcccg 60  
acgattattc gagattgtca ggtggacaaa caaaccagag agttgggtgtt cattaacaag 120  
attatgttca cgcaatttgcgac aaaacccgtt cttatgtatgt ttaacatttc gggtcctata 180  
cgaagcgttca cgcgcaagaa caacaatttg cgcgacagaa taaaatcaaag agtcgtatgtt 240

|            |            |            |            |            |            |      |
|------------|------------|------------|------------|------------|------------|------|
| caatttgc   | aactagaacg | cgattacagc | gatcaaatgg | atggattcca | cgatagcatc | 300  |
| aagtattt   | aagatgaaca | ctattcggt  | agttgc     | aaaatggc   | atggcagcgt | 360  |
| aagtttgc   | taaaat     | gagtc      | atgtat     | tataccgata | aaaagtctat | 420  |
| gagaaata   | actgttt    | atgggtcg   | gaa        | acgcaacg   | actactacgt | 480  |
| gtgttgaag  | cgggattt   | gaacggc    | acc        | aaatgt     | tatctt     | 540  |
| attggtaaca | aagtattt   | gttgc      | cacgaaat   | acgacac    | tttacgag   | 600  |
| tacgacgtcg | tagcttacgt | ggacagtgt  | cagttt     | gatg       | gcgaacaatt | 660  |
| gtgcagagtt | taatatt    | gtcg       | ttcg       | aaaatt     | tttgcgg    | 720  |
| gaagcgtcga | aaaacaaa   | catgatctac | aaggctt    | atgttactac | agaatcg    | 780  |
| tggggcaat  | ccgaaa     | agta       | taattt     | ggaaa      | acgg       | 840  |
| aatcaaa    | ag         | tggtatgt   | taatttgc   | acatgt     | actgtactaa | 900  |
| atattaaaca | caattaaata | aatgtt     | aaaaat     | tttattgc   | tttattt    | 960  |
| tgtcattt   | at         | taatttggat | gtgtcattt  | gtttttaaaa | ttgaactggc | 1020 |
| gaattcctcg | agcgg      |            |            |            |            | 1035 |

<210> 13  
 <211> 1863  
 <212> DNA  
 <213> Echis carinatus

|             |            |            |            |            |            |     |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 13    |            |            |            |            |            |     |
| ctcgagatga  | tccagattct | cttggtaatt | atatgcttag | cagttttcc  | atatcaaggt | 60  |
| tgctctataa  | tcctgggatc | tggaaatgtt | aatgattatg | aagtatgt   | ta         | 120 |
| gtcactgcat  | tgcccaaagg | agcagttcag | cagcctg    | aaaagtatga | agatg      | 180 |
| caatatgaat  | ttgaagt    | gaa        | gggagagcc  | gtgg       | ccttc      | 240 |
| ctttttcag   | aagattacag | tgagactcat | tattcgtctg | atgacagaga | aattacaaca | 300 |
| aacccttcag  | ttgaggatca | ctgctattat | catggacgga | tccagaatga | tgctgagtc  | 360 |
| actgcaagca  | tca        | gtgc       | atgttgc    | aaaggacatt | tcaagctcg  | 420 |
| tactttattt  | tttgc      | atgttgc    | tttgc      | atgttgc    | tttgc      | 480 |
| aacatagaaa  | atgaggat   | gaa        | agccccaaa  | atgtgt     | gggg       | 540 |
| tcagatgaac  | ccat       | aaaaaa     | gactttgggg | ttaattgttc | ctcc       | 600 |
| gagaaaaaaat | tcattgagct | tgtcgt     | atgttgc    | tttgc      | tttgc      | 660 |

|   |      |
|---|------|
| aatgattcaa ctgctataag aacatggata tatgaaatgc tcaacactgt aaatgagata   | 720  |
| tacttacctt tcaatattcg ttagcactg gttggcctag aattttggtg caatggagac    | 780  |
| ttgattaacg tgacatccac agcagatgat actttgcact cattggaga atggagagca    | 840  |
| tcagatttgc tgaatcgaaa aagacatgat catgctcagt tactcacgaa cgtgacactg   | 900  |
| gatcattcca ctcttgaat cacgttcgta tatggcatgt gcaaattcaga tcgttctgta   | 960  |
| gaacttattc tggattacag caacataact ttaatatgg catatataat agcccatgag    | 1020 |
| atgggtcata gtctggcat gttacatgac acaaaattct gtacttgtgg ggctaaacca    | 1080 |
| tgcattatgt ttggcaaaga aagcattcca ccgccccaaag aattcagcag ttgttagttat | 1140 |
| gaccagtata acaagtatct tcttaaatat aacccaaaat gcattcttga tccaccttg    | 1200 |
| agaaaaagata ttgcttacc tgcagttgtt ggaaatgaaa tttgggagga aggagaagaa   | 1260 |
| tgtgattgtg gttctcctgc agattgtcga aatccatgct gtgatgctgc aacatgtaaa   | 1320 |
| ctgaaaccag gggcagaatg tggaaatgga gagtgtgtg acaagtgcaa gattaggaaa    | 1380 |
| gcaggaacag aatgccggcc agcaagggat gactgtgatg tcgctgaaca ctgcactggc   | 1440 |
| caatctgctg agtgtcccag aaatgagttc caaaggaatg gacaaccatg ccttaacaac   | 1500 |
| tcgggttatt gctacaatgg ggattgcccc atcatgttaa accaatgtat tgctctttt    | 1560 |
| agtccaagtg caactgtggc tcaagattca tggttcaga ggaacttgca aggcaagtac    | 1620 |
| tatggctact gcacaaagga aattggttac tatggtaaaa ggtttccatg tgcaccacaa   | 1680 |
| gatgtaaaat gtggcagatt atactgctta gataattcat tcaaaaaaaaa tatgcgttgc  | 1740 |
| aagaacgact attcatacgc gcatggaaaat aaggaaatag ttgaacctgg aacaaaatgt  | 1800 |
| gaagatggaa aggtctgcat caacaggaag tgtgttcatg tgaatacagc ctactaactc   | 1860 |
| gag   | 1863 |

<210> 14  
 <211> 36  
 <212> DNA  
 <213> Human

<400> 14  
 atcactcgag gccaccatgc aaatagagct ctccac 36

<210> 15  
 <211> 39  
 <212> DNA  
 <213> Human

|   |      |
|---|------|
| <400> 15  |      |
| ggagggtcgac tcagtagagg tcctgtgcct cgcagccca                           | 39   |
|   |      |
| <210> 16  |      |
| <211> 7082  |      |
| <212> DNA   |      |
| <213> Human   |      |
|   |      |
| <400> 16  |      |
| atcactcgag gccaccatgc aaatagagct ctccacactgc ttctttctgt gcctttgcg     | 60   |
| attctgcttt agtgcacca gaagatacta cctgggtgca gtggaaactgt catgggacta     | 120  |
| tatgcaaagt gatctcggtg agtgcctgt ggacgcaaga tttcctccta gagtgccaaa      | 180  |
| atcttttcca ttcaacacct cagtcgtgta caaaaagact ctgtttgtag aattcacgga     | 240  |
| tcacctttc aacatcgcta agccaaggcc accctggatg ggtctgctag gtccataccat     | 300  |
| ccaggctgag gtttatgata cagtggtcat tacacttaag aacatggctt cccatcctgt     | 360  |
| cagtcttcat gctgtggtg tatactactg gaaagcttct gagggagctg aatatgtatg      | 420  |
| tcagaccagt caaagggaga aagaagatga taaagtcttc cctggtgaa gccatacata      | 480  |
| tgtctggcag gtcctgaaag agaatggtcc aatggcctct gacccactgt gccttaccta     | 540  |
| ctcatatctt tctcatgtgg acctggtaaa agacttgaat tcaggcctca ttggagccct     | 600  |
| actagtatgt agagaaggga gtcgtggccaa ggaaaagaca cagaccttgc acaaatttat    | 660  |
| actactttt gctgtatgg atgaaggaa aagttggcac tcagaaacaa agaactcctt        | 720  |
| gatgcaggat agggatgctg catctgctcg ggcctggcct aaaatgcaca cagtcataatgg   | 780  |
| ttatgtaaac aggtctctgc caggtctgat tggatgccac agggaaatcag tctattggca    | 840  |
| tgtgattgga atgggcacca ctccctgaagt gcactcaata ttccctcgaag gtcacacatt   | 900  |
| tcttgtgagg aaccatcgcc aggcgctcctt ggaaatctcg ccaataactt tccttactgc    | 960  |
| tcaaacactc ttgatggacc ttggacagtt tctactgttt tgtcatatct cttccacca      | 1020 |
| acatgatggc atggaagctt atgtcaaagt agacagctgt ccagaggaac cccaaactacg    | 1080 |
| aatgaaaaat aatgaagaag cggaaagacta tggatgtatgat cttaactgatt ctgaaatgga | 1140 |
| tgtggtcagg ttgatgtatg acaactctcc ttcccttatac caaattcgct cagttgccaa    | 1200 |
| gaagcatcct aaaacttggg tacattacat tgctgctgaa gaggaggact gggactatgc     | 1260 |
| tcccttagtc ctgcggcccg atgacagaag ttataaaagt caatatttga acaatggccc     | 1320 |
| tcagcggatt ggttaggaagt acaaaaaagt ccgatttatg gcatacacag atgaaacctt    | 1380 |
| taagactcgt gaagcttattc agcatgaatc aggaatcttg ggaccttac tttatgggaa     | 1440 |



|  |      |
|--|------|
| tggcccatca ttattaattg agaatagtcc atcagctgg caaaatatat tagaaagtga               | 3180 |
| cactgagtt aaaaaagtga caccttgat tcatgacaga atgcttatgg acaaaaatgc                | 3240 |
| ta <del>ca</del> gctttg aggctaaatc atatgtcaaa taaaactact tcatcaaaaa acatggaaat | 3300 |
| ggtccaacag aaaaaagagg gccccattcc accagatgca caaaatccag atatgtcg <del>t</del>   | 3360 |
| ctttaagatg ctattcttgc cagaatcagc aaggtggata caaaggactc atggaaagaa              | 3420 |
| ctctctgaac tctggcaag gccccagtcc aaagcaatta gtatccttag gaccagaaaa               | 3480 |
| atctgtggaa ggtcagaatt tcttgtctga gaaaaacaaa gtggtagtag gaaagggtga              | 3540 |
| atttacaaag gacgtaggac tcaaagagat gtttttcca agcagcagaa acctatttct               | 3600 |
| tactaacttg gataatttac atgaaaataa tacacacaat caagaaaaaa aaattcagga              | 3660 |
| agaaaatagaa aagaaggaaa cattaatcca agagaatgta gtttgcc <del>t</del> c agatacatac | 3720 |
| agt <del>g</del> actggc actaagaatt tcatgaagaa cctttctta ctgagcacta ggcaaaatgt  | 3780 |
| agaaggttca tatgacgggg catatgctcc agtacttcaa gat <del>tt</del> taggt cattaaatga | 3840 |
| ttcaacaaat agaacaaga aacacacagc tcatttctca aaaaaagggg aggaagaaaa               | 3900 |
| cttggaaaggc ttggaaatc aaaccaagca aattgttagag aaatatgcat gcaccacaag             | 3960 |
| gat atctcct aatacaagcc agcagaattt tgtcacgcaa cgtagtaaga gagcttgaa              | 4020 |
| acaattcaga ctcccactag aagaaacaga acttgaaaaa aggataattg tggatgacac              | 4080 |
| ctcaacccag tgg <del>t</del> ccaaaa acatgaaaca tttgaccccg agcaccctca cacagataga | 4140 |